

FALL/WINTER 1989

SHARP'S BOX 326 MECHANICSVILLE, VA. 23111 TEL:(804) 730-9697 FAX:(804) 746-1978

OL, Z88 & PSION CATALOG

QL COMPUTER

\$ 99.95

Comes with Power supply, manual, and the four Psion software. Comes with 20 day warranty.

IBM EMULATOR

149.95

Your QL can run must PC software. Now you can run dBASE III, Lotus 1-2-3, WordStar, etc.. With MSDOS 4.01- \$229.95. Send SASE for info.

OL XCHANGE

59.95

Version 3.87 of the Psion software. All four programs in one multi-tasking program. Many added commands to each software. Must have disk drive, at least 512K added and Toolkit II.

TRUMP CARD

Trump card comes in 3 forms, 256K, 512K, & 768K versions; \$249.95, \$299.95, \$349.95. All come with Toolkit II, Screen dump, Disk I/F, Ramdisk, and printer buffer. The 256K version can be upgraded by just adding memory chips to it.

30 MEG HARD DRIVE

699.95

A 30 Meg hard drive with disk interface, comes complete with everything you need. Just plug it in the Rom slot and its ready to go.

OL SCANNER

239.95

Plugs up to any Epson compatible printer. Your printer can load pictures into your QL. Comes complete with software.

ROM EXPANSION BOAR D 84.9

Connect up to 4 eproms on the QL and run all of them at one time!

RGB 13" COLOR MONITOR 2	279.95
ROD 15 COLOR MONTON	#17070
MONO. 12" MONITOR	99.95
SERIAL TO PARALLEL I/F	54.95
I.C.E. MOUSE	119.95
QL MOTHER BOARDS(NO SOCKET CHIPS)	15.95
QL DUST COVERS	9.95
3 1/2" DUAL DISK DRIVE 2	299.95
3 1/2" SINGLE DISK DRIVE 1	189.95
5 1/4" DUAL DISK DRIVE 2	279.95
5 1/4" SINGLE DISK DRIVE 1	175.95

All disk drives are 720K drives, complete in case with power supply and cable.

PRINTERS:

STAR NX-1000	\$ 189.95
STAR NX-2400	\$ 289.95
STAR NX-15	\$ 349.95
STAR NR-10	\$ 379.95
STAR LASER PRINTER 8	\$1799.95

512K RAM BOARD

\$159.95

Plugs into the expansion port and brings your QL up to 640K. Increases program speed by 10%.

MODAPTER

59.95

Allows the QL to hook up to any 300/1200 baud modem. Comes complete with cable and software.

1200 BAUD MODEM	89.95
1200 BAUD POCKET MODEM	129.95
NEW ROM	37.95

This one eprom replaces both rom chips. Reduces power consumption by 20%, and drops the temperature of the heat-sink by 50 degrees. Comes in JS, JSU, MGUS version. One of the following programs can be put on the New Rom ONLY if you own or buy the program. (ICE, Qflash, Toolkit II)

D.A.S.

89.95

Allows user 24 lines of programmavle I/O, 12 Bit counter, 8 Channel - 8 Bit A/D converter. Plugs into Ram Expansion slot.

QEP III EPROM PROGRAMMER 249.95

Allows user to create their own eprom software. Works on 8K to 64K Eproms. Comes complete with software built into the board. Fully menu driven.

SCHON PC-AT KEYBOARD

199.95

Gives the QL a stand alone AT style keyboard. COmes complete with I/F and cable, 101 keys.

OL WORLD MAGAZINE

The best magazine for the QL is available two ways; single issue is \$5.00 or a 6 month subscription is \$28.95. Don't miss out on all the new products and reviews each month for the QL.

QL ACCESSORIES:

TRANSFORM BOX (HOLDS 20 MDV"S)	8.95
MDV CARTRIDGES (set of 4)	11.95
WALLETS	.50
RS 232 LEAD - SERIAL CABLE	19.95
MONITOR LEAD	19.95
PRINTER RIBBONS (QL & STAR)	11.95
EPROM CARTRIDGES	11.95
OL 4 RING BINDER	6.99
PSION SET V2.1	12.95
PSION SET V2.35/2.38	29.95

THOR XVI COMPUTER:

The Thor XVI is a upgraded QL with at least 512K expandable to 4 Meg. Can come with 20 or 40 Meg hard drive. For information on Thor send \$1 to cover cost of mailing.

If you think you have written software which is marketable, you may want to contact us.

LANGUAGES:

QL PASCAL	\$49.95
DIGITAL'C'	45.95
DIGITAL'C' SPECIAL EDITION	59.95
SUPER FORTH	49.95
PRO FORTRAN-77	159.95
MACRO ASSEMBLER	34.95
ASSEMBLER WORKBENCH	39.95

Assembler, editor, disassebler, monitor, and debugger all in one.

IDIS 29.95 IDIS SPECIAL EDITION 39.95

The best disassebler on the marker for the QL. IDIS S/E requires added memory.

CAD:

3D PRECION	\$59.95
IMAGE 3D	29.95

Both programs allow user to creaate 3-D images. User can zoom, pan and rotate objects. 3D Precision requires added memory and can do more than one object at a time, and do 3-D ANIMATION.

THE PAINTER	49.95
EYE O	34.95
PEINTRE	29.95
GRAPHIOL+	24.95

All four are graphic utilities capable of producing superb color pictures. All allow for rubber banding, ellipse, Arc, Box, Text, etc. The Painter requires added memory and disk drive.

PCB DESIGNER 2 79.95

Allows user to create double sided circuit boards up to 270mm X 150mm. Must have at least 512K added.

TECHNIQL	89.95
TECHNIKIT	39.95

TechniQL is a 2D Cad suitable for general, scientific and engineering applications. create finely-detailed plans, diagrams and designs. TechniKit allows your own character set and has TechniPLOT.

CPM:

SUCCESS 59.95

Allows the QL to run most CPM software in any format. Must have added memory and disk drive.

COMMUNICATIONS:

QLTERM \$19.95

An X-modem software with the ability to upload and download files thru a modem.

DESK TOP PUBLISH-

ING:

FRONT PAGE v1.05	\$24.95
FRONT PAGE EXTRA III	34.95
DESKTOP PUBLISHER	45.95
DESKTOP PUBLISHER S/E	79.95
PAGE DESIGNER 2	59.95
PROFESSIONAL PUBLISHER	99.95

All require added memory except Front Page. DTP S/E & Pro. Publisher requires disk drives. All programs come with different styles of fonts and graphic compatible, for adding pictures to your newletters, pamphets, etc..

PASTE ART

18.95

A disk full of pictures to add to your Desk top publisher. Works with all programs listed above.

COMPILERS:

TURBO v2.0	149.95
SUPERCHARGE S/E	59.95
OLIBERATOR v3.22	79.95

All 3 compilers will turn SuperBasic into fast running machine code. Turbo by far produces the fastest running code; comes with Turbo Toolkit included. SuperCharge and QLiberator are both excellent compilers. QLiberator will compile any Basic program that runs without any modifications, and corrects code as it goes.

BASIC-C PORT

119.95

A fully functioning SuperBasic translator into 'C'. Lattice and ANSI compatible. Programs can be used/compilation in IBM/PC environment.

BETTER BASIC SYSTEM

39.95

Cleans up code, correcting as it goes. Best to use this before compiling programs for faster code. Can also be used as a stand alone program.

QLOAD & QREF

24.95

Allows your Basic programs to load faster, and has a cross reference utility.

DATABASE:

ARCHIVIST

39.95

A user friendly database. One key punch commands. Will allow up to 10,000 records; will take Archive files.

ARCHIVE RTM

29.95

Archive Run-time is a stripped down version of Archive. Will speed Archive programs to three times faster. Comes with Arcahive Development.

FLASHBACK S/E

39.95 59.95

A new concept in information storage and retrieval on the QL. Sub record structure options. Fully multi-tasking. Special Edition has many new features like report generator, etc.

RECOVERY:

DATABASE RECOVERY \$29.95

Have you forgotten to close Archive files? Or have corrupted files? This program will retreive most of the information off these files. Saves on retyping all that infromation back in.

MEDIA	MANAGER		49.95
MEDIA	MANAGER	S/E	79.95

Manages and controls disks and cartridges, transfers to/from alien formats, recovers corrupt/lost data. S/E version reads and writes to IBM and Atari disks.

CARTRIGE DOCTOR 22.95

Helps recover files from a bad medium MDV or if accidently deleted.

FINANCE:

PACIOLI 34.95

A home finance manager which keeps track of income, expenses, interest, depreciatiom, tax, loans, bank statements, etc.

CHECKBOOK MANAGER 19.95

By far the best Checkbook manager for any computer. Comes complete with Calculator. Must have added memory and Toolkit II.

SCREEN DUMPS:

SCREEN DUMP	9.95
ULTRA PRINT	29.95

Ultra Print will print screen displays in 24 sizes and densities. Screen dump and Ultra-Print work on all Epson-compatable printers.

TATES TOTAL CONTRACTOR		ompassion printer
WRITE TURN		19.95
SIDEWINDER	DELUXE	34.95

WriteTurn will allow you to print your Spreadsheets sideways. Sidewinder will do screen dumps & will allow you to print sideways. GRAFIX

Grafix will allow user to print all the Desktop publishers and screen dumps to non-Epson compatable printers.

IMAGE PROCESSOR 24.95

To provide a polished finish. Converts pictures from mode 4 to 8 and back again. Recolor or decolor, Invert black/white.

TOOLKITS:

SUPER TOOLKIT II	34.95
SUPER TOOLKIT II-MDV VERSION	19.95
MEGATOOL BOX	49.95
GRAPHIC TOOLKIT	24.95
TURBO TOOLKIT	54.95

Super Toolkit comes on Eprom or MDV and adds 108 commands to SuperBasic. Graphic Toolkit adds 70 extensions to Basic just for doing graphics. Turbo Toolkit comes with 180 commands and a thick manual.

TEXT:

QTYP	54.95
SPELLBOUND	49.95
FILEBOUND	9.95

QTYP and Spellbound are both spelling checkers with a 30,000 dictionary. Words can be added up to your memory limit. They check as you type. Filebound goes with Spellbound to read text already typed for error checking. QTYP will work with Xchange. Added memory required.

TURBO QUILL+

Speeds up the Word Processor by 30%. Comes with Quill 2.3 or if you have added memory, Quill v2.35.

24.95

QWRITER II 24.95

Allows user to printer your word processing files in 20 different fonts. (Old English, Futura, Antiqua, etc.) Works with Epson compatible printers.

THE EDITOR	49.95
THE EDITOR S/E	79.95

A true word processor. It works 10 to 100 times faster plus has 21 cursor commands compared to Quill's 8. The Editor S/E works with added memory and comes with added commands over the regular Editor.

QL SPY 24.95

A excellent Editor. Takes up less than 20K. Fully multi-tasking. Will search a 500K program in 2 seconds. Excellent for altering machine code programs.

MAILMERGE DELUXE 19.95

Will allow user to create form letters. Will store your names and address and print them on a Quill letter.

UTILITIES:

RPM	29.95
SEDIT	19.95
SUPER SPRITE GENERATOR	29.95
QDOS TRAP HANDLER	24.95
XREF	22.95

Sprite Generator allows user to create their own sprites. QDOS Trap Handler lets you do QDOS calls from SuperBasic. XREF is a glossary of user-defined words, line-numbers for each usage of key words used inside a SuperBasic program.

ACT SPECIAL EDITION 69.

The Adventure Creation Tool enables the user to create amaxing adventures, with text, pictures, and animation. No programming knowledge required. Added memory and disk drive required.

QPAC I 34.95

Consist of "desktop" items of clock, calendar, calculator, typewriter, alarm clock. Must have Qram.

MISC.:

EVENT CALENDAR 19.95

Will keep track of your appointments for each month. Can place up to 5 items per day. Can print out each month to printer. Must have Toolkit II and added memory.

UTILITIES:

GENERAL:

BAG OF TRICKS II	24.95
RESET 128K	9.95
COPYCAT	15.95
COPYMATE	19.95
4MATTER & LOCKSMITHE	39.95

Bag of Tricks II is a assortment of 20 games and programs. Reset 128K will let a expanded QL think it only has 128K. Copycat will copy early versions of protected software. Copymate requires added memory. 4Matter & locksmithe will copy all protected software and will put 50% of them to disk. Will also take eprom software and allow them to run from MDV or FIP.

KEYDEFINE	19.95
TOUCH TYPIST	16.95
QCALC	19.95
MDVTOOLKIT	14.95
CONVERT	9.95

Keydefine enables user to have 41 user defined function keys. Up to 2048 characters can be placed on each key. MDV Toolkit allows user to write or read to any sector or header on a mdv cartridge. Convert will take programs on mdv and convert it to FLP, even programs in machine code.

QFLASH	34.95
RAM DISK	9.95

Qflash comes on eprom and takes no memory. Comes with added commands for ram-disk. Allows you to load an entire microdrive into memory in less than 10 seconds.

MANDELBROT MAGIC 2	24.95
--------------------	-------

BOOKS:

ARCHIVE MASTER	45.95
QDOS COMPANION	11.95
QL ASSEMBLY LANGUAGE	14.95
QL SERVICE MANUAL	24.95
QL USER GUIDE	14.95

LEISURE:

TEXT

DARK SIDE OF MOON	29.95
WEST	22.95
ZKUL	22.95
THE PRAWN	19.95

All four programs are text adventure games.

FRONT ENDS:

I.C.E. EPROM	34.95
ARTICE	19.95
CHOICE	19.95
ICEBURG	19.95
ICICLE	19.95
DRAWING OF ICE	29.95
PUBLISHING OFF ICE	29.95
OFFICE JUNIOR	24.95
QRAM	49.95
TASK MASTER	39.95
QKICK v4.1	22.95

Qram, Task Master, & Qkick are all multi-tasking programs. Task Master will allow you to multi-task the 4 Psion software and is user friendly. Qram is more for the programmers. ICE and Office Junior are front end programs which allow user to format, load, and save programs with just their cursor keys and space bar.

SPEEDSCREEN (eprom)	34.95
SPEEDSCREEN (mdv)	19.95
LIGHTNING	39.95
LIGHTNING S/E	69.95

All accelerate the QL text and screen operations from 3 to 14 times faster. Lightning also speeds up graphic and mathematical operations. Take up about 11K of memory. A real must!

SPARE PARTS:

MDV UNIT	29.95
POWER SUPPLY	14.95
MEMBRANE MATRIX	19.95

If you have a few keys that have gone dead on the QL keyboard, then all you need is the membrane matrix to get the QL up and running again. Very simple to install.

sumple to mist	CLIA-	
CHIPS:	ULA ZX 8301	24.95
	ULA ZX 8302	24.95
	MAB 8049	9.95
	CPU MC 68008	9.95
	JSU ROM SET	9.95
	ALL CHIPS ABOVE	49.95

QLTOPC:

DISCOVER	39.95
MULTI DISCOVER	59.95
OL TO PC LINKUP	69.95

Discover and Multi-Discover will allow the QL to read and write to PC disks. Multi-Discover will also read CPM formats. Must have added memory and disk drives. QL to PC is cable and software to linkup up both computers to transfer files.

GAMES:

DEAGUEGODIVE	40.00	Great!	my. 2 pmyer option.
DEATHSTRIKE	19.95	CITADEL	19.95
Manoevre your spaceship through alien terri	tory, gaining points by	Steer your craft through 50 screens of danger and excit	
hitting various targets. 7 levels. Excellent arcade ga	24.95	3-D SLIME	19.95
		3-D graphics maze. Excellent graphics.	
You drive a tank around a 3-D landscape with at. QL Worlds says it is great. Just like Battle Zon		SQUADRONS	29.95
TYPE 22	29.95	Defend England from Air raids during W.W.II. Not a	
A real-time simulation of a Navy 22 frigate. You		requires quick thinking.	in areade game our
from aircraft, missiles, subs,& ships. Up to 20 targ	gets ar one time.	MATCHPOINT	27.95
QL FLIGHT	29.95	3-D tennis, 3 levels of difficulty.	
A flight simulator that provides 9 different air	port scenarios. Take off	WAR IN THE EAST	
are refuel; wire frame graphics.	***	A strategic wargame for 1 player versus the comp	uter. Every aspect
WANDERER 3-D	29.95	of the war between Germany and USSR during WWII are	
The best 3-D graphics of all programs. User where RGB monitor.	vears 3-D glasses. Must	terrain, reinforcements, partisans, etc. Over 15 different and brigades. The map covers 5 full screens. Can com	
OL CHESS	29.95	of 1941, 1942, & 1944. Must have a monitor.	
		SCENARIO I \$19.95	
A stunning animated 3D view of the board and levels. This was the World Computer Chess Cham	pieces. Can play many pion.	ALL SCENARIOS \$39.95	
BLOCKLANDS	19.95		
DROIDZONE	19.95	LEISURE:	
Both are fast moving shoot-em up games.			
SPOOK	19.95	COSMOS	29.95
The QL version of Pacman.	17.70	SUPER ASTROLOGER	29.95
BRIDGE PLAYER II	24.95	PROFESSIONAL ASTROLOGER	69.95
MICROBRIDGE	39.95	PROFESSIONAL ASTRONOMER	54.95
Both are one player Bridge games. MicroBridge			
and disk drive.	requies added inclinity	PSION V2.35/2.38	29.95
VROOM	24.95	This is the updated version of the Psion set. Archive is	
A racing simulation. Drive a Grand Prix racer.		OVERDRIVE	24.95
KARATE	24.95	Allows user to add graphic symbols to Quill.	
Many different movement and attact positions.	5 Stars!		
QL HOPPER	22.95	PC CATALOG:	
Based on the favorite "Frogger".		IC CATALOG.	
THE KING	22.95	PACKARD BELL COMPUTERS:	
Donkey Kong style arcade classic.			\$1299.95
GRID	19.95	PB-AT 286 30 MEG CGA MONITOR	1499.95
A multi-player nuclear war simulation. For 2 t	o 10 players.	PB-AT 286 40 MEG VGA MONITOR	2299.95
STRIP POKER	19.95		
YAHTZEE	19.95	PSION PC FOUR	99.95
CRIBBAGE	19.95	The PC Four is exactly like the four Psion set for the Ql	
OTHELLO 3-D	24.95	to learn new software for the IBM/PC, this is the way to	go. Xchange is also
SCRABBLE	29.95	available for \$499.95; which is a upgraded version of PC Fo	
GALACTIC INVADERS	19.95	PSION PC CHESS	59.95
DRAGON HOLD	24.95	Stunning 3D graphics. 30 levels of play. 50 classic mas This is just like the QL version. \$3 shipping.	ter games to study.
Dragon Hold is a Dungeon & Dragons game.	44.75	BROOKLYN BRIDGE	99.95
BLAST BUGGY	19.95	Converts 5 1/4" disks to 3 1/2" disks. Allows your desktop	
Just like the arcade game "Moon Patrol".	17.75	a portable and transfer your programs and data. Version 2.	
Just the alcade game (MOOH FAIROF)			

KNIGHT FLIGHT

The arcade version of Joust. Fly a bird and joust the enemy. 2 player option.

19.95

PSION CATALOG:

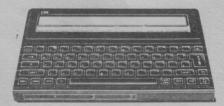
Z88 CATALOG:

ORG II Mdl XP	\$249.99	Z88 COMPUTER	449.95
ORG II Mdl CM	179.99		
ORG II Mdl LZ	299.99	32K RAM	39.95
ORG II Mdl LZ-64	349.99	128K RAM	94.95
		512K RAM	369.95
32K DATAPAK	49.99		
64K DATAPAK	89.99	32K EPROM	39.95
128K DATAPAK	149.99	128K EPROM	94.95
32K RAMPAK	89.99	PC LINK II	69.95
		MAC LINK	119.95
FINANCE PAK	49.99	OL LINK	39.95
MATH PAK	49.99	STLINK	SOON
SPELL PAK	49.99		
POCKET SPREADSHEET	79.99	THINKZ (Outliner)	89.95
FORMULATOR	49.99	Z-TERM (X-modem software)	89.95
TYPING TUTOR	49.99	SPELL MASTER (30,000 dict. USA)	119.95
DATA ORGANISER	49.99	zBASE (database)	119.95
SMART ADDRESS BOOK	49.99	DATA ORGANISER(database)	94.95
WORD PROCESSOR	49.99	SUPERCHIP-2 (ZTERM, zBASE)	189.95
VITACALC	79.99	SUPERCHIP-3 (ZTERM, ZBASE, ZTAPE)	229.95
PORTFOLIO	79.99	SUPERCHIP-4 (ZTERM, ZBASE, ZTAPE, THINKZ)	
		WITHERED TOAD (Text Adventure)	
TRAVEL PAK	89.99	SCRAZBLE (Arcade)	45.95
DIARY LINK	39.99	SCRAZBLE (Arcade)	45.75
OPL DEVELOPER	99.99	Z-TAPE (Save & load to cassette recorder)	79.95
OPL DEVELOPER	99.99	Z88 PORTABLE DISK DRIVE	349.95
COMMS LINK (RS232)	99.99	PORTABLE 1200 BAUD MODEM	129.95
	299.99	DICONIX 150 PRINTER	349.95
DIRECT CONNECT MODEM		DICONIX 150 + PRINTER	449.95
PSION PRINTER	349.99	Z88 CARRYING CASE	24.95
SHAW PROG. GUIDE	19.99		19.99
SHAW FILE HANDLING BOOK		AC POWER SUPPLY	
AC ADAPTER	19.99	Z88 SERIAL TO PARELLEL CABLI	
PSION ERASER	89.99	Z88 RS232 CABLE	19.95
LEATHER CASE	29.99	EPROM ERASER	89.95
NYLON CARRYING CASE	19.99	THE TOPPER (Z88 hard cover)	15.95
		TOO COLUMNIA DIO BOOM	10.05
PlugAdpt:		Z88 COMPUTING BOOK	19.95
IBM AT, MAC, MAC+,		USING YOUR Z88	24.95
PRINTER, MODEM	19.99	Z88 REAL POWER COMPUTING	24.95
		Z88 BBC BASIC MANUAL	34.95
\$3 shipping charge on Psion items!		Z88 DEVELOPERS' NOTES	49.95
		Z88 NEWSLETTER (7 issues bi-monthly)	24.95
		Z88 MEMBRANE MATRIX	24.95
		\$5 shipping charge on Z88 items!	

MISC QL ITEMS: SHIPPING: Continental USA QL'S, PRINTERS \$10 each FERRET \$19.95 MONITORS, DRIVES \$10 each Find lost files fast with this file search utility which will read all your files on disk or mdv looking for a match with your search text. SOFTWARE, BOOKS \$ 1 each OL WORLD INDEX HARDWARE \$ 2 each A complete index to the contents of QL World from its start to May 1988. Find articles and reviews in seconds, 160K+ of data compressed to Canadians and people outside the continental USA mush add an additional \$1 for each software and books, \$0.50 for each magazine. \$15 for QL's, Z88, and printers. \$25 for monitors and disk drives. Other hardware add another \$5 each. fit into a 128K QL. O-POWER 39.95 Cures all over-heating problems on the QL. Replaces the heat-sink with this tiny board. Easy to install. **AQUANAUT 471** 29.95 Visa & MasterCard accepted with a 3% surcharge. A text and graphic avdenture game. **DUAL 3 1/2 & 5 1/4 DISK DRIVE 289.95** NO CASH REFUNDS! A 3 1/2" and 5 1/4" 720K drive in one case. POWER SURGE PROTECTOR PRICES SUBJECT TO CHANGE WITHOUT NOTICE! **RPM** 24.95 For creating resident files with QEP III Programmer. SHARP'S **BOX 326** If you wish information on any on any item in the catalog **MECHANICSVILLE, VA. 23111** please send SASE to us. We will send what ever info we can TEL: (804) 730-9697 get for you. FAX: (804) 746-1978 If your looking for an item that is not in our catalog, we can **ORDER FORM** probably get it for you! NAME IF YOU NEED YOUR OL REPAIRED- GIVE US A **ADDRESS** CALL OR WRITE, WE CAN FIX 95% OF THEM. CITY STATE, ZIP QTY DESCRIPTION PRICE SHIPPING 3% CHARGE CARD 4.5% VA. SALES TAX GRAND TOTAL: MDV 3 1/2 FLP 5 1/4 FLP

C.O.D. orders accepted. Add \$3 for COD fee. UPS 2nd day and Overnight available!

Z88 THIS COMPACT.



THIS POWERFUL...

- The most portable full-function computer
- . Less than an inch thick, measures 111/2 in. x 8¼ in. Weighs under 2 lb.
- Comes complete with integrated set of powerful applications software: word-processing, spreadsheet, database, calculator, diary, calendar, clock, alarm, printer editor, basic, terminal software — all included in
- Can export, import and manipulate data from IBM-compatible PCs; converts its own applications software into Wordstar or Lotus 1-2-3 files. Mac and ST, QL Linkups available also.
- · Extra memory comes in solid-state, interchangeable packs - only 2½ in. square x 3/4 in. deep. No fragile disks, no bulky disk

• 32K of RAM built in, expandable to 1.5 megabytes —enough to hold the complete works of Shakespeare. 32K, 128K, 512K RAM packs available.

南京公司

- · Permanent storage on EPROM (Erasable Programmable Read Only Memory) packs. available in 32K and 128K.
- Latest supertwist liquid crystal display provides large working area of 8 lines x 80 characters
- · RS232 port provides connection to virtually any standard printer.
- · QWERTY keyboard has silent, short-travel keys; use in meetings, lectures, anywhere.
- · Runs on four AA batteries. Built-in capacitor preserves data when batteries need to be changed.

\$ Call

\$ Call

· Lots of Accessories.



The Z88's ingenious built-in software suite lets you switch any two applications - even word processing and spreadsheet - without loading separate software into the computer's memory

Switch from writing a letter to find an address... from composing a report to carrying out a calculation...move a spreadsheet into a document -simply press a couple of keys!

Sinclair QL Computer

Call or write for other Z88 products.

SHARP'S, Inc.

Box 326 Mechanicsville, VA 23111 (804) 730-9697 9am - 7pm FAX: (804) 746-1978 Telex: (VIA WUI) 6502339544

